



Docket No.: 21547-00275-US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Cecilia Larsson et al.

Application No.: 09/743,762

Confirmation No.: 7301

Filed: May 14, 2001

Art Unit: 3738

For: MATERIAL FOR BONE
RECONSTRUCTION

Examiner: W. H. Matthews

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INFORMATION DISCLOSURE STATEMENT (IDS)

TECHNOLOGY CENTER R3700

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of each reference on the PTO/SB/08 is attached.

The relevance of Ref. CK can be found in the English language extract on pages 810-811.

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In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 22-0185 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0185, under Order No. 21547-00275-US. A duplicate copy of this paper is enclosed.

Dated:

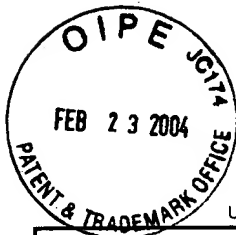
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Respectfully submitted,

By 

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PTO/SB/08a/b (06-03)

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/743,762-Conf. #7301
				Filing Date	May 14, 2001
				First Named Inventor	Cecilia Larsson
				Art Unit	3738
				Examiner Name	W. H. Matthews
Sheet	1	of	2	Attorney Docket Number	21547-00275-US

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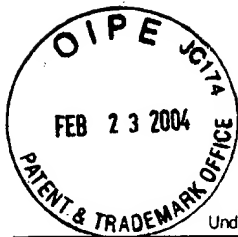
NON PATENT LITERATURE DOCUMENTS (Con't.)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US-5,139,424	8/18/92	Yli-Urpo	
	AB	US-5,236,495	8/17/93	Manabe et al	

FOREIGN PATENT DOCUMENTS						
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Barlow, J.W., et al, Preparation of Calcium Phosphate Implants, <i>Global Summit</i> , Annual Meeting, 2000, Global Alliance of Rapid Prototyping Associations (GARPA), 17 pages.	
	CB	Judy, Kenneth; "Oral Implantology Case Reports"; NYS Dental Journal, December 1986; pp. 24-27	
	CD	Nijweide, P.J., et al., Cells of Bone: Proliferation, Differentiation, and Hormonal Regulation, <i>Physiological Reviews</i> , Pub. by The American Physiological Society, Vol. 66, No. 4, Oct. 1986, pp. 855-886	
	CE	Daculsi, G., et al.; Adaptive Crystal Formation in Normal and Pathological Calcifications in Synthetic Calcium Phosphate and Related Biomaterials; <i>International Review of Cytology</i> , Vol. 172; 1997; pp. 129-191.	
	CF	Marshall, R. Urist, et al.; Lipids Closely Associated with Bone Morphogenetic Protein (BMP) and Induced Heterotopic Bone Formation; <i>Connective Tissue Research</i> , Vol. 36(1); pp. 9-20; 1997 OPA (Overseas Publishers Association)	
	CG	Ricci, J.L., et al.; Evaluation of a Low-Temperature Calcium Phosphate Particulate Implant Material: Physical-Chemical Properties and In Vivo Bone Response; <i>Oral Maxillofac Surg.</i> , Vol. 50, 1992, pp 969-978	
	CH	Smiler, D.G., et al.; Sinus Lift Grafts and Endosseous Implants- Treatment of the Atrophic Posterior Maxilla; <i>Dental Clinics of North America</i> ; Vol. 36, No. 1; January 1992; pp. 151-186	
	CI	Wetzel, A.C., et al.; Bone apposition onto oral implants in the sinus area filled with different grafting materials - A histological study in beagle dogs; <i>Clin. Oral Implants Research</i> ; 1995; No. 6, pp. 155-163	
	CJ	Ashley, G.W., et al., (1996), Phosphatidylcholinium compounds: A new class of cationic phospholipids with transfection activity and unusual physical properties. (abstract), <i>Biophysical J.</i> 70: A 88	
Examiner Signature			Date Considered



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NON PATENT LITERATURE DOCUMENTS (Con't.)

	CK	Saito, Akira, et al.; Bone Morphogenetic Protein (BMP) - A Study of Periodontal Regenerative Therapy using BMP in Horizontal Bone Defects; Jpn. J. Periodont., Vol. 36, 1994; pp. 810-822.	
	CL	Jarcho, M., Ph.D.; Calcium Phosphate Ceramics as Hard Tissue Prosthetics; J.B. Lippincott Co.; Clinical Orthopaedics and Related Research; June 1981; Number 157; pp. 259-278	
	GM	Nee, M., et al.; Differences in ceramic-bone interface between surface-active ceramics and resorbable ceramics: A study by scanning and transmission electron microscopy; Journal of Biomedical Materials Research, Vol. 26, (1992) pp. 255-267	

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